

INVENTOR: INCH et al.

TITLE: IMPROVED POT AND PAN WASHING MACHINE

Abstract

2 An improved pot and pan washing machine is provided including wash tank, a self-
3 draining parallel flow pump connected to the wash tank, a self-cleaning intake manifold within
4 the wash tank, flush mounted jet nozzles within the wash tank, and a non-welded field joint for
5 connecting two portions of the washing machine together as a single unit. The pump is located
6 on a side of the wash tank. Fluid enters the pump in a first direction and is discharged in a
7 second direction that is substantially parallel to the first direction. The discharge fluid is
8 unobstructed as it enters an outlet manifold located along the rear wall of the wash tank.
9 Directional tubes of the nozzles then divert the fluid from the outlet manifold into jet streams
10 that are directed towards the bottom wall of the wash tank. The jet streams skim across the
11 top of the intake manifold to blow away debris. The intake manifold is located along the rear
12 wall of the wash tank, decreasing vacuum and making the manifold scalable to varying sizes of
13 the wash tank. The nozzles are flush mounted to increase the effectiveness of the jet stream in
14 impacting objects located near the rear wall of the wash tank.